

Converting Colors

CIELCh(79, 2.208, 112.715)

Have a look what the booklet for
CIELCh(79, 2.208, 112.715) contains.

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Color

CIELCh(79, 2.122, 109.955)

Conversions

Conversions Part 1

Format	Color
Hex	C4C4C0
RGB	196, 196, 192
RGB Percent	77%, 77%, 75%
CMY	0.2319, 0.2319, 0.2476
CMYK	0.00, 0.00, 0.02, 0.23
HSL	60°, 3%, 76%
HSV	60°, 2%, 77%
XYZ	51.9313, 54.9284, 57.6492
YIQ	195.5440, 1.2840, -1.2440

Conversions

Conversions Part 2

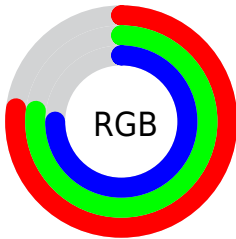
Format	Color
R_{YB}	192, 196, 192
Decimal	12895424
CIE Lab	79.00, -0.72, 1.99
CIE LCh	79, 2.122, 109.955
Yxy	54.9284, 0.3157, 0.3339
Android (android.graphics.Color)	4291085504 (0xFFC4C4C0)
YUV	195.5440, -1.7472, 0.3999
Hunter-Lab	74.1137, -4.6245, 5.7609

Details

The CIELCh color **79, 2.122, 109.955** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **78, 2.152, 290.438**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 2.528, 109.958**, and **59, 1.689, 109.953** is the 20% darker color. If you saturate the color by 10%, you get **79, 12.541, 109.058**, and if you desaturate by 10%, it is **80, 8.321, 290.965**.

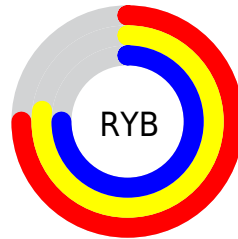
Distribution



Red (77%)

Green (77%)

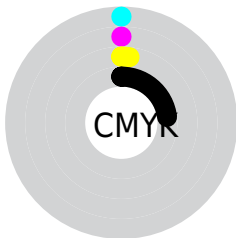
Blue (75%)



Red (75%)

Yellow (77%)

Blue (75%)

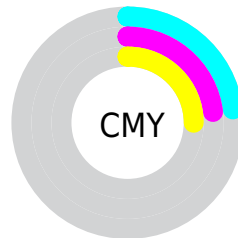


Cyan (0%)

Magenta (0%)

Yellow (2%)

Black (23%)



Cyan (23%)

Magenta (23%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 2.122, 109.955 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 79, 2.122, 109.955 by changing the saturation by 10% instead.

■ 79, 2.122, 109.955

■ 79, 2.122, 109.955

■ 100, 2.122,
109.955

■ 69, 2.122, 109.955

■ 99, 2.122, 109.955

■ 59, 2.122, 109.955

■ 49, 2.122, 109.955

■ 39, 2.122, 109.955

■ 29, 2.122, 109.955

■ 19, 2.122, 109.955

■ 9, 2.122, 109.955

■ 0, 2.122, 109.955

■ 79, 2.122, 109.955

■ 79, 2.122, 109.955

79, 12.541,
109.058

80, 8.321, 290.965

78, 22.878,
108.096

80, 18.757,
291.869

78, 33.052,
107.140

81, 29.160,
292.743

77, 42.937,
106.211

81, 31.484,
292.941

77, 52.338,
105.335

81, 31.484,
292.951

77, 60.959,
104.542

81, 31.484,
292.961

77, 68.393,
103.871

81, 31.484,
292.972

77, 74.149,
103.363

81, 31.484,
292.982

77, 77.813,

81, 31.484,
292.992

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



79, 2.122, 109.955



78, 2.152, 290.438

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



79, 2.122, 109.955



79, 2.122, 159.955



79, 2.122, 289.955



79, 2.122, 339.955

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



79, 2.124, 109.990



100, 1.282, 110.057



78, 1.480, 19.161



53, 0.729, 110.059



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



79, 2.124, 109.990



100, 2.575, 109.991



79, 2.258, 129.033



41, 1.168, 110.004



64, 68.600, 102.907



12, 18.617, 106.769

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



78, 2.152, 290.438



98, 2.609, 290.437



78, 2.282, 309.105



40, 1.184, 290.424



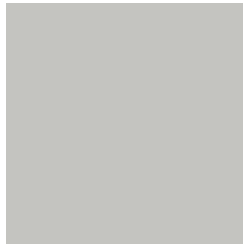
18, 94.719, 306.290



1, 19.479, 291.159

Previews

White Background



This preview shows how the CIELCh color 79, 2.122, 109.955 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 79, 2.122, 109.955 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

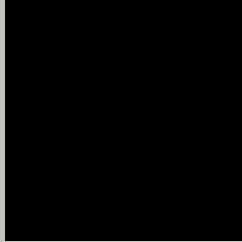
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

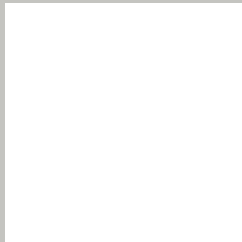
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 79, 2.122, 109.955

Background



This preview shows how black text looks on a background with the CIELCh color 79, 2.122, 109.955.



This preview shows how white text looks on a background with the CIELCh color 79, 2.122, 109.955.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color


79, 2.122, 109.955

Protanopia

79, 2.809, 68.524

Deuteranopia

79, 9.985, 7.895



Tritanopia
79, 8.772, 302.703

Trichromacy



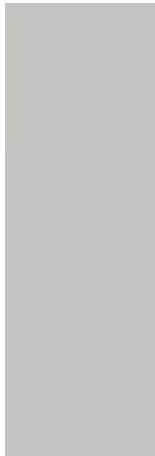
Original Color
79, 2.122, 109.955

Protanomaly
79, 2.388, 82.169

Deuteranomaly
79, 6.437, 10.331

Tritanomaly
79, 4.952, 303.276

Monochromacy



Original Color
79, 2.122, 109.955

Achromatopsia
79, 0.010, 296.813

Achromatomaly
79, 0.524, 110.009

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 2.122, 109.955 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(196, 196, 192)` looks like.

```
.text, #text, p{  
    color:rgb(196, 196, 192)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(196, 196, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 196, 192) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 2.122, 109.955 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(196, 196, 192) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(196, 196, 192) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(196, 196, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 196, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 196, 192);  
box-shadow:4px 4px 4px 4px rgb(196, 196,  
192) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 2.122, 109.955 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 196, 192) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(196,  
196, 192) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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